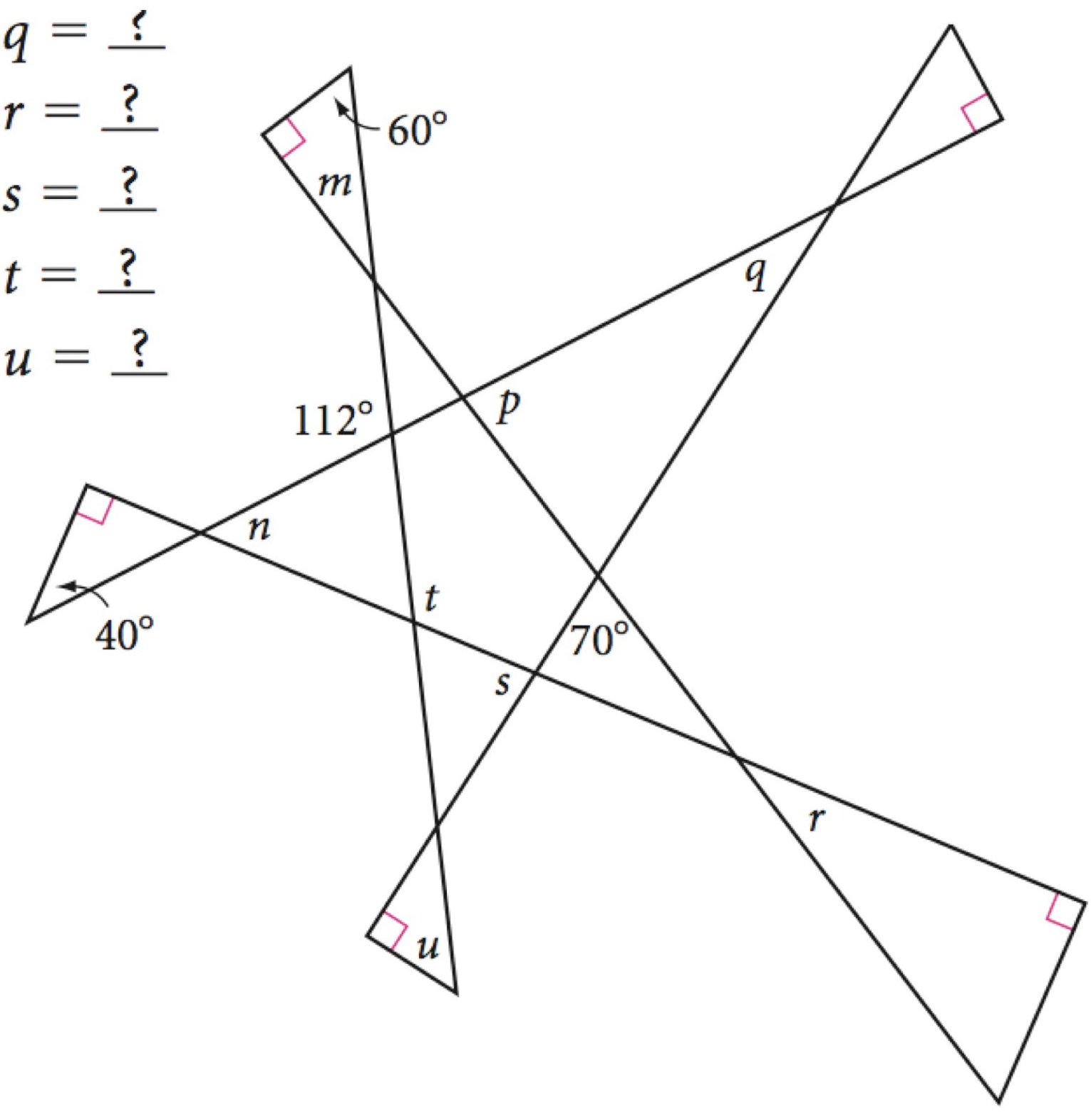
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**3.6 Angle Puzzles**



Class Notes

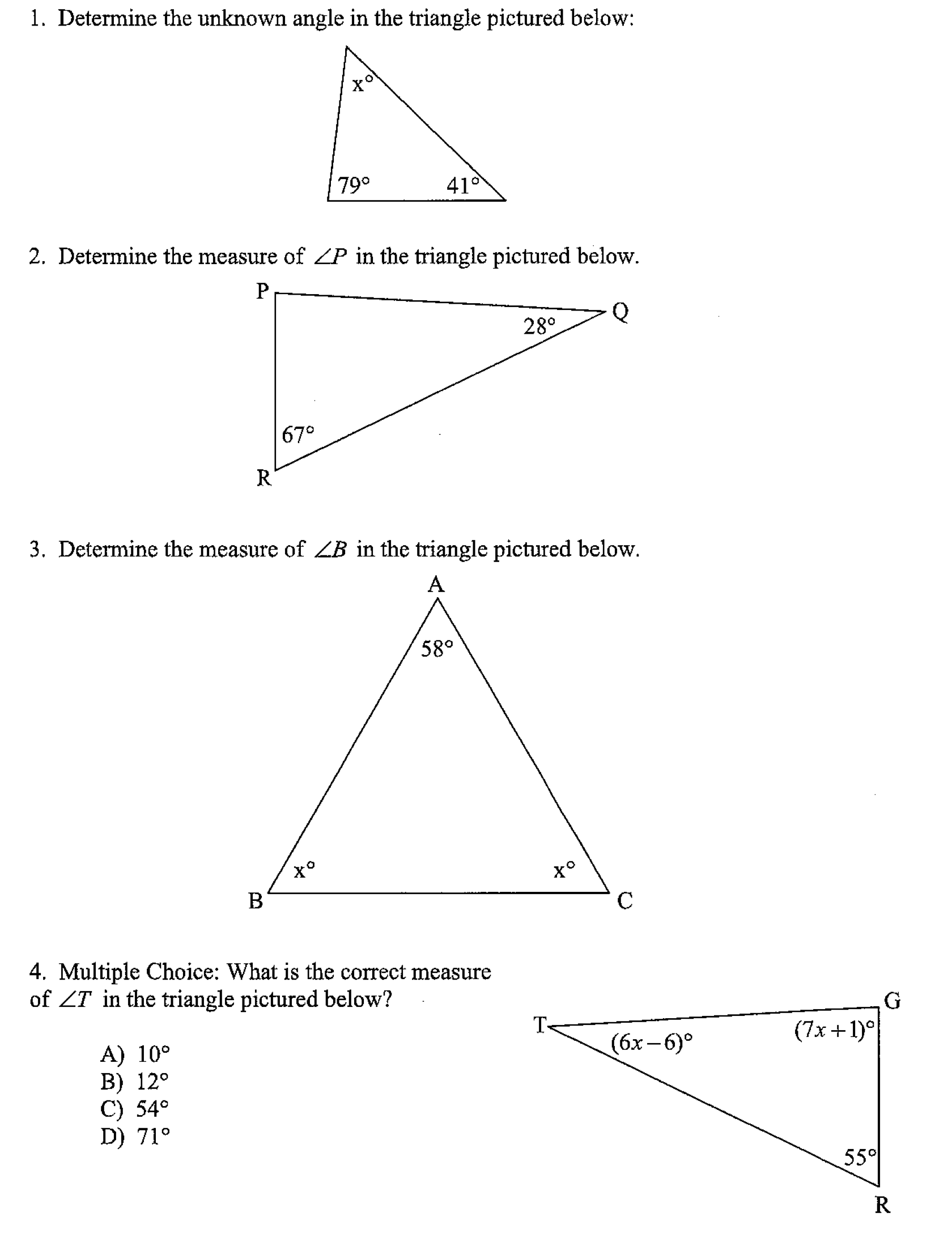
1.

2.

3.

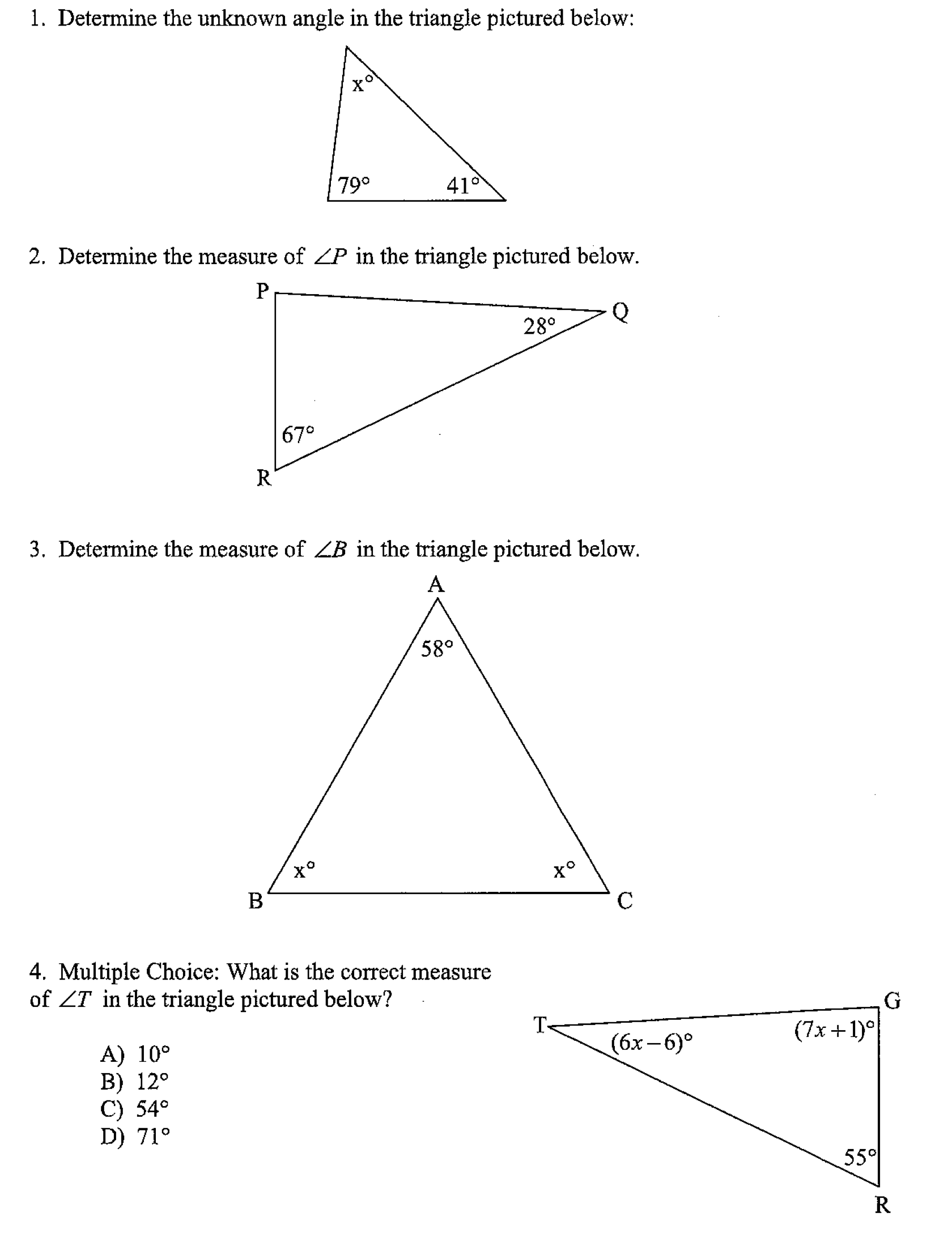
4.

**LEVEL ONE**:



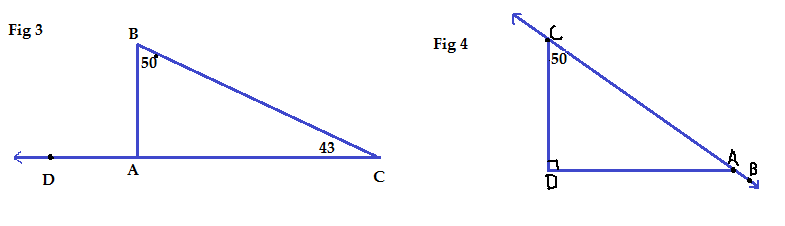
**LEVEL TWO**:

Determine the measure of in the triangle picture below.

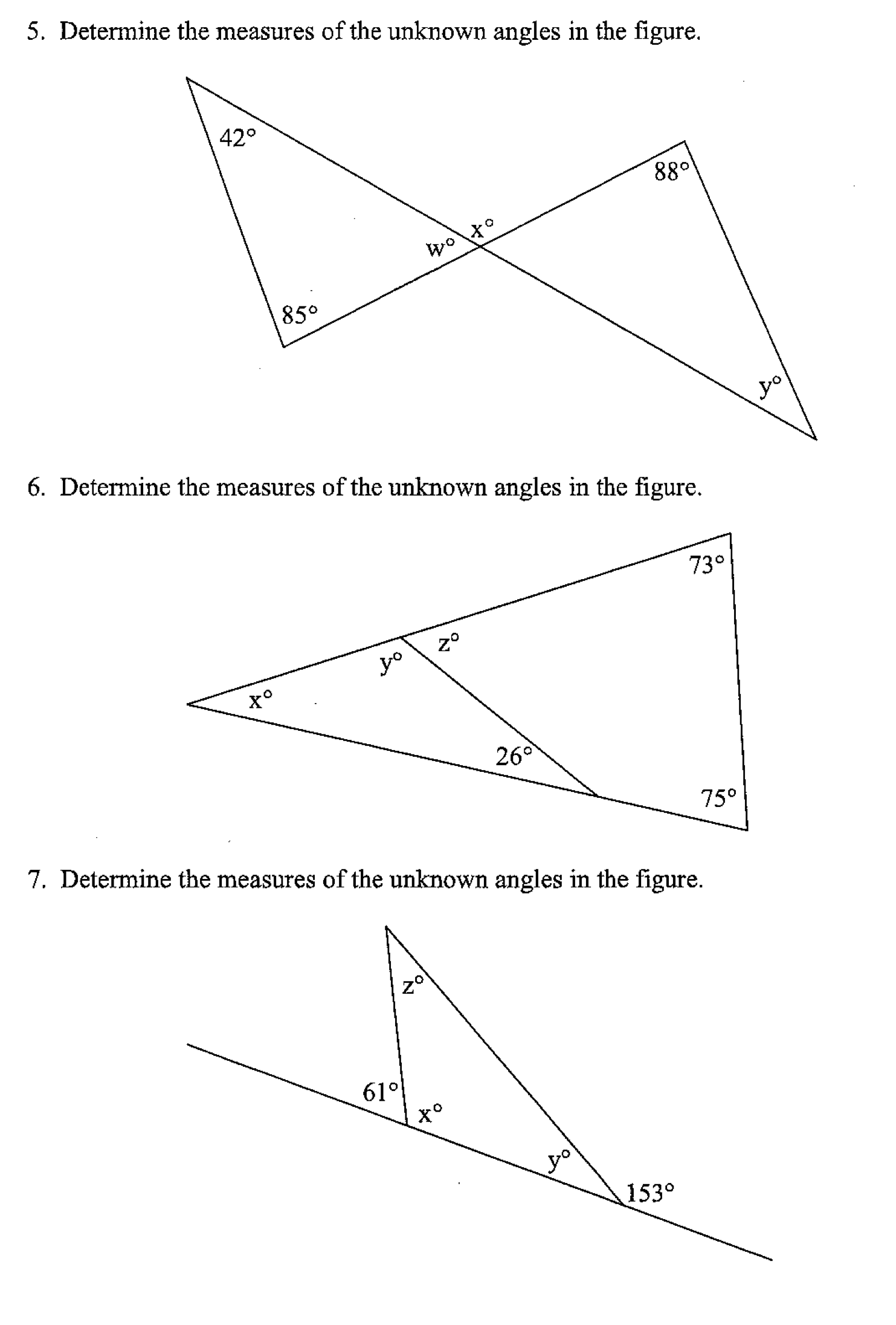


**LEVEL THREE**:

In each diagram, find the measure of angle DAB ().



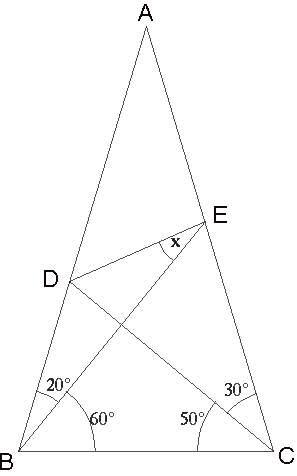
**LEVEL FOUR**:



**LEVEL FIVE**:

In triangle XYZ ∠X is 55°. ∠Y is twice as big as ∠X. Find the measure of ∠Z. (*Draw the triangle and label what you know first.*)

**LEVEL SIX**:



**LEVEL SEVEN:** I asked for help from/I helped: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LEVEL EIGHT:** I asked for help from/I helped: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_